

S-137-1103/S

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BRUCE VRANA

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B. J. Jones

Signature _____

October 19, 2001

Date _____

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

DE VRIES et al.

Group Art Unit: 1638

APPLICATION NO.: 09/180,798

Examiner: MEHTA, A

FILED: 11/16/98

Docket: S-137-1103/S

FOR: PRODUCTION OF APOMICTIC SEED

SUPPLEMENTAL REPLY UNDER 37 C.F.R. §1.111

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Applicant regrets not fully responding to the Office Action of June 19, 2001. Applicant makes amendments and remarks below to all outstanding rejections contained in the June 19, 2001 Office Action and respectfully requests reexamination and reconsideration of the above-identified application in view thereof.

AMENDMENTS

Please delete the Abstract and replace it with the following new Abstract:

-A method and DNA sequence encoding a protein kinase for producing apomictic seeds, the method comprising the steps of transforming plant material with a nucleotide sequence encoding a protein the presence of which in a cell, or membrane thereof, renders the cell embryogenic, regenerating the thus transformed material into plants, or carpel containing parts thereof, and expressing the sequence in the vicinity of the embryo sac. The DNA sequence

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